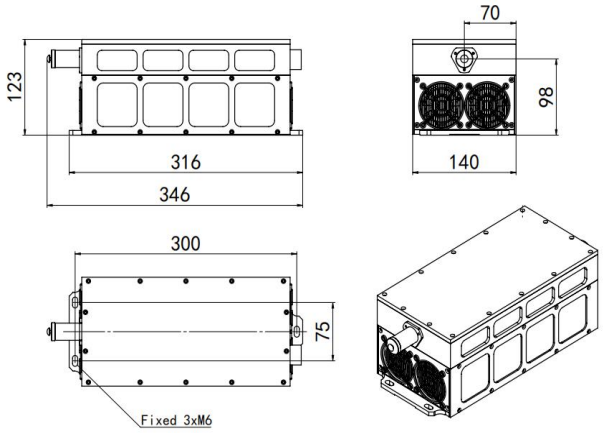
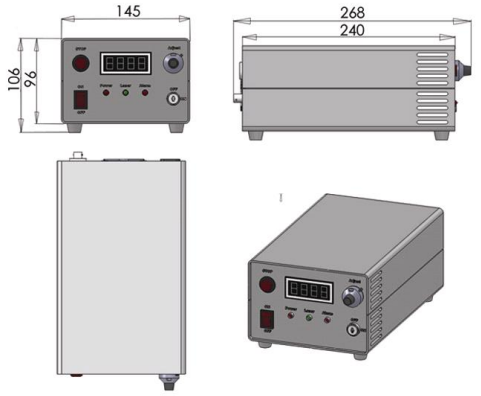
MIL-W-2796/10-300mW

LD PUMPED ALL-SOLID-STATE INFRARED LASER

CNI's All solid state infrared laser at 2796nm is always called water laser. It is made features of good beam quality and easy operating, they are widely used in medical treatment in which it can perform many procedures without a shot or a drill.

SPECIFICATIONS

Wavelength (nm)	2796±3
Operating mode	CW
Output power (mW)[1]	10-300
Power stability (rms, 4 hours±3°C)	<5%, <3%
Transverse mode	Near TEM_{00}
Beam divergence, full angle (mrad)	<8
Beam diameter at the aperture ($1/e^2$,mm)	<3
Warm-up time (minutes)	<10
Beam height from base plate (mm)	98
Cooled method	Air Cooled
Operating temperature (°C)	15-35
Power supply (100-240VAC)	PSU-H-LED
Expected lifetime (hours)	>10000

LASER HEAD	POWER SUPPLY (PSU-H-LED)
	
333(L)×140(W) ×125(H) mm³, 6.1 kg	**268 (L) ×145(W) ×106 (H) mm³, 2.6 kg**

1 Any power level can be selected in this range.